

CLAIMS

What is claimed is:

1. A modular convertible top assembly for a vehicle, comprising:
 - a wall member adapted to be mounted in a vehicle;
 - a linkage assembly mounted to said wall, said linkage assembly supporting at least one roof panel that is movable between a first position for covering a passenger compartment and a second stowed position;
 - a hydraulic control system connected to said linkage assembly for controllably retracting and extending said linkage assembly, said hydraulic control system including a hydraulic pump mounted to said wall; and
 - an electronic control unit mounted to said wall and in communication with said hydraulic control system for activating said hydraulic control system for controllably retracting and extending said linkage assembly.
2. The modular convertible top assembly according to claim 1, wherein said wall includes a removable panel, said electronic control unit, and said hydraulic pump are mounted to said removable panel.
3. The modular convertible top assembly according to claim 2, further comprising a sound system speaker mounted to said removable panel.

4. The modular convertible top assembly according to claim 1, further comprising a sound system speaker mounted to said wall.

5. The modular convertible top assembly according to claim 1, further comprising a hold down bracket assembly mounted to said wall, said hold down bracket assembly adapted to lock said linkage assembly in said second stowed position.

6. A method of assembly for a convertible top assembly, comprising:
mounting a pair of extendable linkage assemblies to a wall member, said pair of extendable linkage assemblies supporting at least one cover panel;
mounting an electronic control unit to said wall member;
mounting a hydraulic pump to said wall member and connecting said hydraulic pump to said extendable linkage assembly ; and
mounting said wall member to said vehicle with said pair of extendable linkage assemblies, said electronic control unit and said hydraulic pump mounted to said wall member.

7. The method according to claim 6, wherein said hydraulic pump and said electronic controller are mounted to a removable panel of said wall member.

8. A modular convertible top assembly for a vehicle, comprising:
 - a wall member adapted to be mounted to a body structure of a vehicle;
 - a linkage assembly mounted to said wall member, said linkage assembly supporting at least one roof panel that is movable between a first position for covering a passenger compartment and a second stowed position;
 - at least one guide pin disposed on one of said mounting wall and said body structure of the vehicle and at least one mounting hole disposed on the other of said mounting wall and said body structure, said at least one guide pin and said at least one mounting hole cooperating to define a positioning guide when said wall member is assembled to said body structure.

9. The modular convertible top assembly according to claim 8, further comprising a hydraulic control system connected to said linkage assembly for controllably retracting and extending said linkage assembly, said hydraulic control system including a hydraulic pump mounted to said wall member.

10. The modular convertible top assembly according to claim 9, further comprising an electronic control unit mounted to said wall and in communication with said hydraulic control system for activating said hydraulic control system for controllably retracting and extending said linkage assembly.